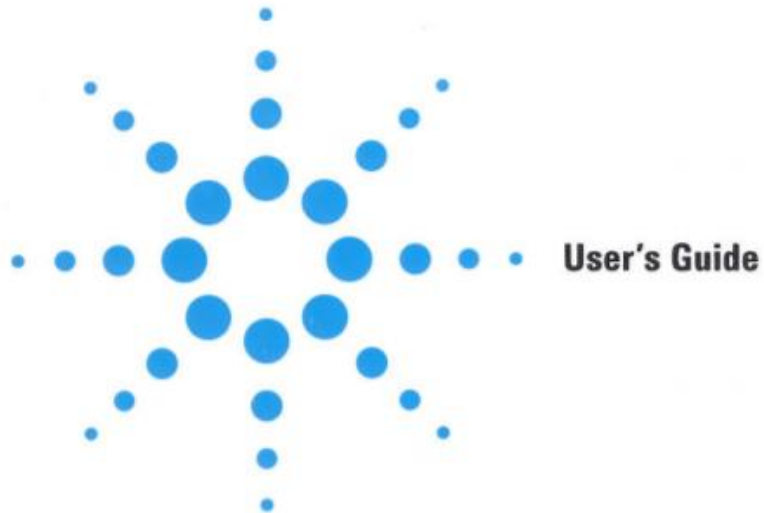


# ANEXO 3

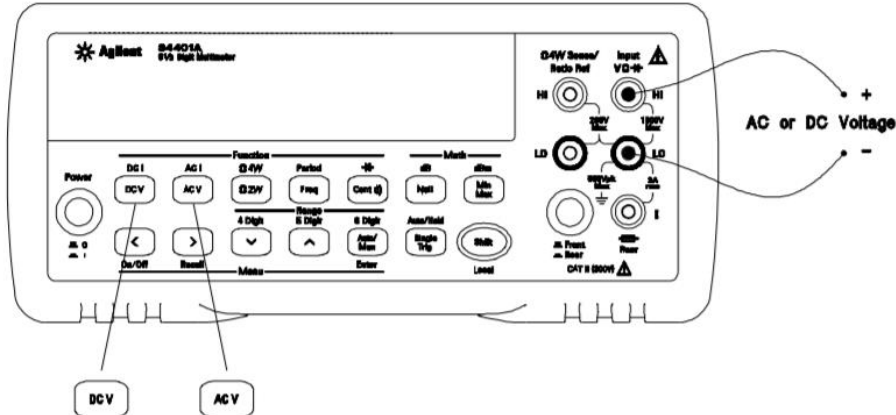
## MULTÍMETRO DIGITAL DE BANCADA

**Agilent 34420A**  
Nano Volt / Micro Ohm Meter



### To Measure Voltage

Ranges: 100 mV, 1 V, 10 V, 100 V, 1000 V (750 Vac)  
Maximum resolution: 100 nV (on 100 mV range)  
AC technique: true RMS, ac-coupled



# MEASUREMENT CHARACTERISTICS

## DC Voltage

Measurement Method	Continuously Integrating Multi-slope III A-D Converter
A-D Linearity	0.00008% of reading + 0.00005% of range
Input Resistance	
100V (Ch1 only)	10 M $\Omega$ $\pm$ 1%
1mV through 10V	>10 G $\Omega$ , in parallel with <3.6 nF
Input Bias Current	<50 pA at 25°C
Injected Current*	<50 nA pp at 50 or 60 Hz
Input Protection	150 V peak any input terminal to Channel 1 LO, continuous
Channel Isolation	Isolation between input channels >10 <sup>10</sup> $\Omega$
Earth Isolation	350 V peak any input terminal to earth. Impedence from any input terminal to earth is >10 G $\Omega$ and < 400 pF
Maximum Voltage	Channel 1 LO to Channel 2 LO, 150V peak



